Amendments to and listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-15. (Canceled)

16. (Previously Presented) A computer-implemented method of creating a virtual traffic network comprising:
(a) inputting into a processor map data representing a road system, the road system being defined by a plurality of links;
(b) inputting into the processor flow data related to traffic flow on the road system;
(c) inputting into the processor traffic information about traffic events which are correlated to one or more of the links on the road system; and
(d) the processor integrating the map data, the flow data and the traffic information to produce a virtual traffic network representing traffic conditions on the road system.

17. (Original) The method of claim 16 wherein the flow data is real-time flow data, the virtual traffic network representing real-time traffic conditions on the road system.

18. (Original) The method of claim 16 wherein the flow data is input from a plurality of road sensors.

19. (Original) The method of claim 16 wherein step (a) further comprises customizing the map data to define locally known features of the road system.

20. (Original) The method of claim 16 wherein the traffic information includes information related to one or more incidents on the road system.

21. (Original) The method of claim 16 wherein the map data, the flow data and the traffic information have a synaptic relationship with each other.

22. (Original) The method of claim 16 wherein the virtual traffic network is spatially oriented.

23-80. (Canceled)

81. (Previously Presented) An article of manufacture for creating a virtual traffic network, the article of manufacture comprising a computer-readable medium holding computer-executable instructions for performing a method comprising:
(a) inputting into a processor map data representing a road system, the road system being defined by a plurality of links;
(b) inputting into the processor flow data related to traffic flow on the road system;
(c) inputting into the processor traffic information about traffic events which are correlated to one or more of the links on the road system; and
(d) the processor integrating the map data, the flow data and the traffic information to produce a virtual traffic network representing traffic conditions on the road system.

82. (Previously Presented) The article of manufacture of claim 81 wherein the flow data is real-time flow data, the virtual traffic network representing real-time traffic conditions on the road system.

83. (Previously Presented) The article of manufacture of claim 81 wherein the flow data is input from a plurality of road sensors.

84. (Previously Presented) The article of manufacture of claim 81 wherein step (a) further comprises customizing the map data to define locally known features of the road system.

85. (Previously Presented) The article of manufacture of claim 81 wherein the traffic information includes information related to one or more incidents on the road system.

86. (Previously Presented) The article of manufacture of claim 81 wherein the map data, the flow data and the traffic information have a synaptic relationship with each other.

87. (Previously Presented) The article of manufacture of claim 81 wherein the virtual traffic network is spatially oriented.

88. (Previously Presented) A computer-implemented apparatus for creating a virtual traffic network comprising:
(a) means for inputting into a processor map data representing a road system, the road system being defined by a plurality of links;
(b) means for inputting into the processor flow data related to traffic flow on the road system;
(c) means for inputting into the processor traffic information about traffic events which are correlated to one or more of the links on the road system; and
(d) means for integrating the map data, the flow data and the traffic information to produce a virtual traffic network representing traffic conditions on the road system.

89. (Previously Presented) The apparatus of claim 88 wherein the flow data is real-time flow data, the virtual traffic network representing real-time traffic conditions on the road system.

90. (Previously Presented) The apparatus of claim 88 wherein the flow data is input from a plurality of road sensors.

91. (Previously Presented) The apparatus of claim 88 wherein the means for inputting into a processor map data representing a road system further comprises means for customizing the map data to define locally known features of the road system.

92. (Previously Presented) The apparatus of claim 88 wherein the traffic information includes information related to one or more incidents on the road system.

93. (Previously Presented) The apparatus of claim 88 wherein the map data, the flow data and the traffic information have a synaptic relationship with each other.

94. (Previously Presented) The apparatus of claim 88 wherein the virtual traffic network is spatially oriented.